

# High Fidelity Catalogue



**JVC**

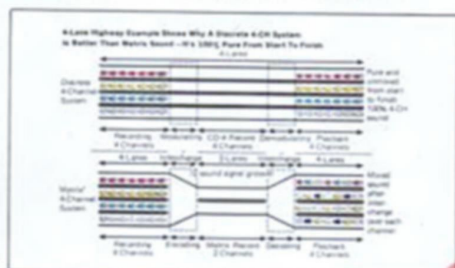


## Our goal — The world's most advanced line of audio equipment

The true audiophile shouldn't have to look further than the pages of this catalog to discover all the innovative products he requires for superb sound. The features you see here are just a few of the major advances created by JVC's engineering laboratories to provide the world's most sophisticated line of audio products. These innovations are JVC's alone — many of them not found on any other hi-fi products. They set the JVC line apart from the ordinary.

## CD-4

### CD-4 Discrete 4-Channel Disc System



JVC's CD-4 is a major milestone in audio technology. It's the indisputable "sound field" realism that adds a new depth and dimension to music. The JVC CD-4 discrete disc puts four independent, discrete channels of sound into a V-shaped record groove, utilizing new techniques in the recording process. The big difference between matrix and CD-4 4-channel sound is the "purity" of 4-channel stereo offered by the JVC system. Discrete 4-channel maintains four separate channels of sound from the recording studio through the audio system and finally through the four speakers in the listener's living room. Signals are not blended into two channels, requiring complicated decoding. Tone quality is greatly improved. Sound resolution is superb; the movement of the sound is distinct. JVC CD-4 discrete 4-channel sound is truly a breakthrough. It's destined to change the whole 4-channel picture — and it's available now.

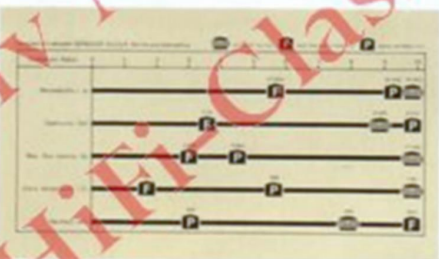


SEN-ALLOY HEAD  
Sen-Alloy-Head



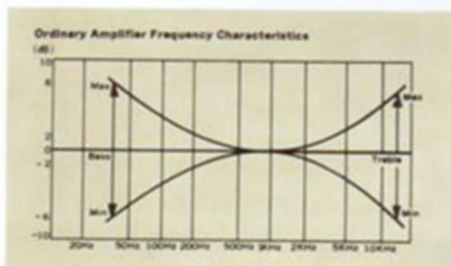
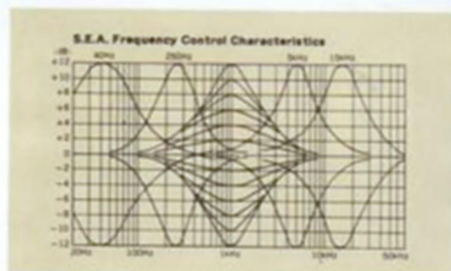
Now you can enjoy the clear, beautiful sound of the revolutionary, exclusive JVC "SEN-ALLOY" head—which features the service life of the ferrite head and far superior sound to the permalloy head. The "SEN-ALLOY" head consists of 83% pure iron crystal, 10% silicon and 7% aluminum, with these materials contributing to improved magnetic properties, higher sensitivity, less noise, high dynamic range, longer service life, and a wider frequency response when compared to conventional head materials.

The "SEN-ALLOY" head was originally designed for professional broadcasting stations and is now available for consumer use. Ask your JVC dealer to demonstrate the musical advantages of this important new material.



S.E.A. (U.S. Patent No. 3566294)

You'll find it this year in almost all of our outstanding amplifiers and receivers. This unique Sound Effect Amplifier super tone control system has multiple advantages. It permits the user to exercise total control and complete freedom over sound in all the crucial frequency ranges through independent control over 5 or 7 bands. And, he can compensate for room acoustics with S.E.A. he can even originate entirely new sounds of his own choosing. S.E.A. may be used for recording as well as playback.

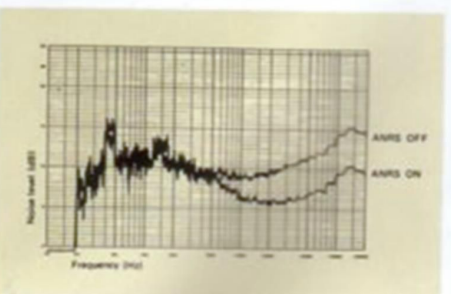
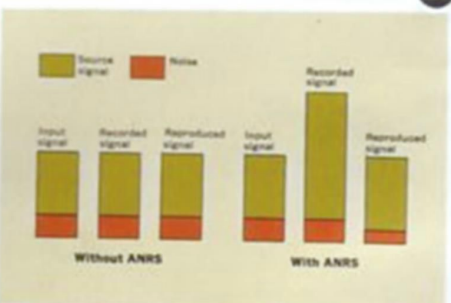


## ANRS

Automatic Noise Reduction System  
ANRS

This is an advanced Automatic Noise Reduction System, exclusive with JVC. It was developed to obtain better high-fidelity sound from cassette tape decks, to reduce noise without distorting or cutting out any music. It especially works to eliminate undesirable tape hiss in the mid-to-high frequency ranges without affecting the tape deck's frequency response. ANRS reduces noise by 5dB at 1kHz and 10dB at 5kHz or more. ANRS has a characteristic curve similar to those of other noise reduction systems. Dolbyized™ (B) music tapes can be played back through ANRS.

\*Dolbyized™ is a trademark of Dolby Laboratories, Inc.





# 4VR-5456X

400 Watt FM/AM 4-Channel Stereo Receiver with CD-4, S.E.A., BTL



- Discrete 4-ch for CD-4 QUADRADISC records and 4-ch tapes
- Matrix-1/2 4-channel decoders for SQ and all other matrix-encoded sources
- Disc memory automatically switches between CD-4 and matrix records
- 5-zone front/back S.E.A. tone controls with 4-channel S.E.A. recording
- Discrete 4-ch FM ready including FM DET OUT plus FM input jacks
- Direct-coupled pure complementary OCL power amplifier with BTL double power in stereo
- Aux 1,2; Tape Mon. and Noise Reduction inputs and outputs
- Dimensions: 7-1/8"H x 20-1/4"W x 15-7/8"D (18cm x 51.3cm x 40.5cm) ■ Weight: 44 lbs. (20 kg)

# 4VR-5446X

200 Watt FM/AM 4-Channel Stereo Receiver with CD-4, S.E.A., BTL



- Discrete 4-ch for CD-4 QUADRADISC records and 4-ch tapes
- Matrix-1/2 4-channel decoders for SQ and all other matrix-encoded sources
- Disc memory automatically switches between CD-4 and matrix records
- 5-zone S.E.A. tone control with S.E.A. recording
- Discrete 4-ch FM ready including FM DET OUT plus FM input jacks
- Direct-coupled pure complementary OCL power amplifier with BTL double power in stereo
- Aux 1,2; Tape Mon. and Noise Reduction inputs and outputs
- Dimensions: 6-3/8"H x 20"W x 15-3/8"D (16.4cm x 50.8cm x 39.1cm)
- Weight: 34.8 lbs. (15.8 kg)

# 4VR-5436X

148 Watt FM/AM 4-Channel Stereo Receiver with CD-4, S.E.A., BTL



- Discrete 4-channel for CD-4 QUADRADISC records and 4-channel tapes
- Matrix-1/2 4-channel decoders for SQ and all other matrix-encoded sources
- Low cut filter and high cut filter
- 5-zone S.E.A. tone control system
- Discrete 4-channel FM ready including FM DET OUT jack
- Direct-coupled pure complementary OCL power amplifier
- Aux 1, 2; Tape Mon. and Noise Reduction inputs and outputs
- Dimensions: 6-3/8"H x 20"W x 15-3/8"D (16.4cm x 50.8cm x 39.1cm)
- Weight: 31.5 lbs. (14.3 kg)

# 4VR-5426X

148 Watt FM/AM 4-Channel Stereo Receiver with CD-4, BTL



- Discrete 4-channel for CD-4 QUADRADISC records and 4-channel tapes
- Matrix-1/2 4-channel decoders for SQ and all other matrix-encoded sources
- Phase-Locked Loop (PLL) MPX circuit
- Discrete 4-channel FM ready including FM DET OUT jack
- Direct-coupled pure complementary OCL power amplifier with BTL double power in stereo
- Dimensions: 6-3/8"H x 18-3/4"W x 15-3/8"D (16.4cm x 47.6cm x 39.1cm)
- Weight: 31.5 lbs. (14.3 kg)



# JA-X9



180 Watt 4-Channel Integrated Amplifier with Built-in CD-4 Demodulator



- Built-in CD-4 Demodulator and two matrix decoders for total source 4-channel versatility
- VU meters/channel level controls (4 each)
- Advanced direct-coupled pure complementary OCL power amplifier with BTL double power in stereo
- Unique chassis construction, reduced length of shielded wires to improve sound transparency
- JVC-patented power-protection circuit
- Dimensions: 5-3/8"H x 16-5/8"W x 14-1/4"D (13.8cm x 42cm x 36.2cm)
- Weight: 26.4 lbs. (12 kg)

# 4VN-990



280 Watt 4-Channel Integrated Amplifier with S.E.A., SFCS and BTL



- 5-zone front/back S.E.A. tone control with 4-channel S.E.A. recording
- Built-in SFCS matrix system for SQ and other 4-channel sources to decode all matrix 4-channel programs
- 4 VU meters/channel level controls
- Direct-coupled pure complementary OCL power amplifier with BTL double power in stereo
- 4-channel tape record/playback terminals
- High cut filter and low cut filter
- Dimensions: 5-3/8"H x 16-5/8"W x 15-3/8"D (13.7cm x 42.2cm x 39.7cm)
- Weight: 35.2 lbs. (16 kg)

# 4VN-880



240 Watt 4-Channel Integrated Amplifier with SFCS and BTL



- Built-in SFCS matrix system for SQ and other 4-channel sources to decode all matrix 4-channel programs
- 4 VU meters/channel level controls
- Direct-coupled pure complementary OCL power amplifier with BTL double power in stereo
- 4-channel tape record/playback terminals
- High cut filter and low cut filter
- Dimensions: 5-3/8"H x 16-1/2"W x 14-1/4"D (13.8cm x 42cm x 36.2cm)
- Weight: 26.4 lbs. (12 kg)

# 4VN-550



96 Watt 4-Channel Integrated Amplifier with SFCS and BTL



- Built-in SFCS matrix system for 4-channel sources
- Level controls for 2-channel and 4-channel
- Direct-coupled pure complementary OCL power amplifier with BTL double power in stereo
- 4-Channel tape record/playback terminals
- High cut filter and loudness control
- Dimensions: 5-3/8"H x 15-1/2"W x 12"D (13.5cm x 40cm x 30cm)
- Weight: 18.5 lbs. (8.3 kg)



# VR-5535LX



150 Watt FM/MW/LW Stereo Receiver with S.E.A.



- 5-zone S.E.A. tone control with S.E.A. recording
- Advanced FET FM/MW/LW tuner with IC's and dual-resonator filters
- Signal strength and center-of-channel tuning meters
- Front panel dubbings and mic mixing facilities
- Discrete 4-channel adaptable including FM DET OUT jack
- Direct-coupled pure complementary OCL power amplifier
- Dimensions: 6-1/8"H x 18-5/8"W x 12-3/4"D  
(15.6cm x 44.8cm x 32.4cm)
- Weight: 24.2 lbs. (10.8 kg)

# VR-5525LX



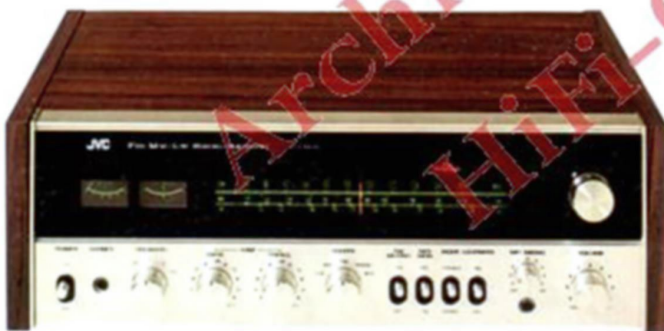
120 Watt FM/MW/LW Stereo Receiver with S.E.A.



- 5-zone S.E.A. tone control system
- Advanced FET FM/MW/LW tuner with IC's and dual-resonator filters
- Signal strength and center-of-channel tuning meters
- High cut filter, loudness, muting and mic mixing facilities
- Discrete 4-channel adaptable including FM DET OUT jack
- Dimensions: 6-1/8"H x 18-5/8"W x 12-3/4"D  
(15.6cm x 47.3cm x 32.4cm)
- Weight: 22 lbs. (10 kg)

# VR-5515LX

100 Watt FM/MW/LW Stereo Receiver



- Advanced FET FM/MW/LW tuner with IC's and dual-resonator filters
- Signal strength and center-of-channel tuning meters
- Aux, Tape Mon. and Noise Reduction inputs and outputs
- Loudness, muting and mic mixing facilities
- 2-stage d.c. equalized phono preamp
- Direct-coupled pure complementary OCL power amplifier
- Dimensions: 6-1/8"H x 17-3/4"W x 12-3/4"D  
(15.5 cm x 45.2cm x 32.4cm)
- Weight: 21.7 lbs. (9.6 kg)

# VR-5505L

40 Watt FM/MW/LW Stereo Receiver



- Advanced FET FM/MW/LW tuner with dual-resonator filters
- Linear dial scale and signal strength tuning meter
- Illuminated program and speaker selectors
- Precision bass, treble, balance and volume controls
- Dimensions: 5-3/4"H x 18-1/4"W x 13"D  
(14.6cm x 47cm x 33cm)
- Weight: 17.6 lbs. (8 kg)



# JA-S8

## 210 Watt Integrated Stereo Amplifier

- 5-zone S.E.A. tone control with S.E.A. recording
- Class-A differential Darlington amplifier equalizer
- All-stage direct-coupled pure complementary OCL power amplifier
- Two-system tape-to-tape dubbing facilities
- Self-restoring power protection circuit
- Direct wiring chassis construction
- Dimensions: 5-7/16"H x 16-1/2"W x 13-1/8"D  
(13.5cm x 42cm x 33.3cm)
- Weight: 22.1 lbs. (10 kg)



# JA-S5

## 140 Watt Integrated Stereo Amplifier with S.E.A.



- 5-zone S.E.A. tone control with S.E.A. recording
- Subsonic low cut filter and high cut filter
- All-stage direct-coupled pure complementary OCL power amplifier
- Discrete 4-Channel adaptable
- Safeguarded phono equalizer
- Dimensions: 5-3/8"H x 16-5/8"W x 12-1/2"D  
(13.5cm x 42cm x 32cm)
- Weight: 22 lbs. (10 kg)

# JA-S310

## 100 Watt Integrated Stereo Amplifier



- All-stage direct-coupled pure complementary OCL power amplifier
- Direct wiring chassis construction
- Impact noise canceller
- Mic mixing facility
- High cut filter
- Tape monitor facility
- Dimensions: 4-3/4"H x 15-3/4"W x 11-3/8"D  
(12.1cm x 40cm x 28.9cm)
- Weight: 14.5 lbs. (6.6 kg)

# VN-900

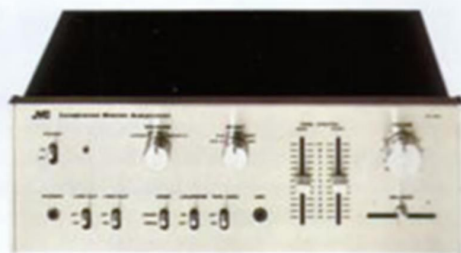
## 220 Watt Integrated Stereo Amplifier with 7-Zone S.E.A.



- S.E.A. tone control with S.E.A. recording
- Built-in pink noise generator
- All-stage direct-coupled OCL circuitry
- Discrete 4-channel adaptable
- Dimensions: 5-3/8"H x 16-5/8"W x 12-1/2"D  
(13.8cm x 42cm x 33.3cm)
- Weight: 28 lbs. (12.8 kg)

# VN-300

## 60 Watt Integrated Stereo Amplifier



- Low cut filter and high cut filter
- Speaker selectors enabling selection either one of two speaker systems (1 or 2), or together (1 plus 2)
- Tape monitor facilities
- Slide tone controls
- Dimensions: 5-1/2"H x 15"W x 12"D  
(14cm x 38cm x 30cm)
- Weight: 15.4 lbs. (7 kg)



# JT-V6

FM/AM Stereo Tuner



- P.L.L.(Phase-Locked Loop) Multiplex FM stereo demodulator
- Newly-developed 4-resonator FM IF filter
- Ultra-long dial-scale and oversized flywheel for smooth accurate tuning
- Signal-strength and center-of-channel tuning meters
- Output level adjuster
- Dimensions: 5-3/8"H x 16-5/8"W x 11-3/4"D (13.8cm x 42cm x 29.8cm)
- Weight: 12.3 lbs. (5.6 kg)

# JT-V310

FM/AM Stereo Tuner



- P.L.L.(Phase-Locked Loop) Multiplex FM stereo demodulator
- Newly-developed 4-resonator FM IF filter
- Signal-strength and center-of-channel tuning meters
- Three ICs for improved reliability
- Two sets of output terminals
- Dimensions: 4-3/4"H x 15-3/4"W x 11-13/16"D (12.1cm x 40cm x 30cm)
- Weight: 9.9 lbs. (4.5 kg)

# VT-700

FM/AM Stereo Tuner



- Ultra-sensitive FM section
- Signal strength and center-of-channel tuning meters
- Fixed level and variable outputs
- High blend and muting controls
- Discrete 4-channel FM ready by FM DET OUT Jack
- Dimensions: 5-1/2"H x 17"W x 12"D (13.7cm x 42.5cm x 31.8cm)
- Weight: 16.5 lbs. (7.5 kg)

# VT-500

FM/AM Stereo Tuner



- Ultra-sensitive FM section
- Signal strength and center-of-channel tuning meter
- Fixed level and variable outputs
- High blend and muting controls
- Discrete 4-channel FM ready by FM DET OUT jack
- Dimensions: 5-5/16"H x 15"W x 11-15/16"D (13.5cm x 38cm x 30cm)
- Weight: 15.5 lbs. (7 kg)



# JL-B44

Direct-Drive Stereo Turntable



- Vibration-free direct-drive DC servo motor
- 4-channel adaptable
- Statically-balanced S-shaped tonearm with TH system
- Calibrated stylus pressure adjustment
- Adjustable anti-skating
- Adjustable speed control with neon stroboscope
- 12" dia. diecast aluminum turntable
- Resonance-free beechwood base and dust cover
- Dimensions: 7-1/2"H x 19-1/4"W x 16-1/4"D (19cm x 49cm x 41cm)
- Weight: 28.6 lbs. (13 kg)

# JL-A3

Servo-Motor Stereo Turntable



- Stable AC servo motor
- 4-channel adaptable
- Statically-balanced S-shaped tonearm with TH system
- Calibrated stylus pressure adjustment
- Anti-skating adjustment
- Adjustable speed control with neon stroboscope
- Resonance-free cabinet and dust cover
- Dimensions: 7-1/4"H x 16-3/16"W x 14-3/16"D (18.5cm x 46cm x 38cm)
- Weight: 18.7 lbs. (8.5 kg)

# JL-A1

Auto-Return/Cut Stereo Turntable



- Excellent performance S/N 62dB(DIN), W/F 0.06%
- TH(Tracing Hold) tonearm
- Auto-return, auto-cut functions
- Oil-damped cueing control
- 4-pole synchronous motor
- Ultra-reliable belt-drive system
- Anti-skating adjustment
- Dimensions: 6-7/16"H x 17-3/16"W x 14-3/22"D (16.4cm x 45cm x 36cm)
- Weight: 15.4 lbs. (7 kg)

# X-1

- 4-Channel/2-Channel Stereo Cartridge with Shibata Stylus
- Playback of CD-4 discrete 4-channel or 2-channel discs
- Structure: Moving magnet
- Stylus: CD-4 Shibata stylus with 0.15mm tip
- Frequency response: 10 — 60,000Hz
- Cantilever: Beryllium ■ Stylus Pressure: 1.5 — 2.0 gr



# 4MD-20X

4-Channel/2-Channel Stereo Cartridge with SHIBATA Stylus

- Playback of CD-4 discrete 4-channel or 2-channel discs
- Structure: V-shaped magnetic
- Stylus: Shibata stylus, 4DT-20X
- Stylus pressure: 1.5 — 2.0 gr.



# 4MD-10X

4-Channel/2-Channel Stereo Cartridge with SHIBATA Stylus

- Playback of CD-4 discrete 4-channel or 2-channel discs
- Structure: Moving magnetic
- Stylus: Shibata stylus, 4DT-10X
- Stylus pressure: 1.5 — 2.0 gr.





# Specifications

## 4-Channel Receivers

MODEL	4VR-5456X	4VR-5446X	4VR-5436X	4VR-5426X
<b>AUDIO SECTION</b>				
Total dynamic power (DHF)	400W (100W x 4) 40	200W (50W x 4) 80	148W (37W x 4) 40	148W (37W x 4) 40
RMS continuous power	280W (70W x 4) 80	175W (44W x 4) 80	112W (28W x 4) 80	112W (28W x 4) 80
All channels driven (1kHz)	256W (64W x 4) 40	156W (39W x 4) 40	97W (18W x 4) 40	72W (18W x 4) 40
RMS continuous power (B.T.L.)	192W (48W x 4) 80	104W (26W x 4) 80	64W (16W x 4) 80	68W (17W x 4) 80
2-channel operation (1kHz)	230W (115W x 2) 80	120W (60W x 2) 80	74W (37W x 2) 80	68W (34W x 2) 80
Load impedance	4-16Ω	4-16Ω	4-16Ω	4-16Ω
THD at rated power (1kHz)	0.5%	0.5%	0.8%	1.0%
IM distortion at rated power	0.5%	0.5%	1.0%	1.0%
Power bandwidth	5-45,000Hz	10-30,000Hz	20-20,000Hz	10-20,000Hz
Frequency response (±1dB)	10-50,000Hz	10-30,000Hz	20-30,000Hz	20-30,000Hz
<b>S.E.S. SECTION</b>				
S.E.A. control frequency	40,250Hz, 1, 5, 15kHz	40,250Hz, 1, 5, 15kHz	40,250Hz, 1, 5, 15kHz	—
S.E.A. control range	±12dB	±12dB	±12dB	—
<b>FM TUNER SECTION</b>				
Usable sensitivity (DHF)	1.8μV	2.0μV	2.0μV	2.2μV
S/N ratio	65dB	62dB	62dB	60dB
Image rejection	80dB	55dB	55dB	60dB
THD (at 1kHz, 100% mod.)	0.3%	0.5%	0.5%	0.5%
Capture ratio	1.2dB	2.0dB	2.0dB	2.0dB
Stereo separation (1kHz)	35dB	35dB	35dB	40dB at 1kHz
<b>AM TUNER SECTION</b>				
Usable sensitivity	30μV, 200μV/m	30μV, 200μV/m	30μV, 200μV/m	30μV, 200μV/m
Image rejection	45dB	45dB	45dB	45dB
POWER SOURCE	AC 100-240V selectable	AC 100-240V selectable	AC 100-240V selectable	AC 100-240V selectable
DIMENSIONS	6 1/2"H x 20 1/2"W x 15 1/2"D	6 1/2"H x 20 1/2"W x 15 1/2"D	6 1/2"H x 20 1/2"W x 15 1/2"D	6 1/2"H x 18 1/2"W x 15 1/2"D
WEIGHT	24 lbs.	24 lbs.	21.5 lbs.	26.8 lbs.

## 2-Channel Receivers

MODEL	VR-5535LX	VR-5525LX	VR-5515LX	VR-5505L
<b>AUDIO SECTION</b>				
Total dynamic power (DHF)	150W (75W x 2) 40	120W (60W x 2) 40	100W (50W x 2) 40	40W (20W x 2) 40
RMS continuous power	100W (50W x 2) 80	75W (38W x 2) 80	66W (33W x 2) 80	30W (15W x 2) 80
All channels driven (1kHz)	90W (45W x 2) 40	64W (32W x 2) 40	52W (26W x 2) 40	22W (11W x 2) 40
Load impedance	4-16Ω	4-16Ω	4-16Ω	4-16Ω
THD at rated power (1kHz)	0.5%	0.5%	0.8%	1.0%
IM distortion at rated power	0.5%	0.5%	0.8%	1.0%
Power bandwidth	10-25,000Hz	10-25,000Hz	15-25,000Hz	30-20,000Hz
Frequency response (±1dB)	10-50,000Hz	10-50,000Hz	15-50,000Hz	20-40,000Hz
<b>S.E.S. SECTION</b>				
S.E.A. control frequency	40,250Hz, 1, 5, 15kHz	40,250Hz, 1, 5, 15kHz	—	—
S.E.A. control range	±12dB	±12dB	—	—
<b>FM TUNER SECTION</b>				
Usable sensitivity (DHF)	2.0μV	2.2μV	2.2μV	2.2μV
S/N ratio	65dB	65dB	62dB	60dB
Image rejection	80dB	55dB	55dB	55dB
THD (at 1kHz, 100% mod.)	0.3%	0.5%	0.5%	0.5%
Capture ratio	2.0dB	2.5dB	2.5dB	2.5dB
Stereo separation (1kHz)	35dB	33dB	33dB	33dB
<b>AM TUNER SECTION</b>				
Usable sensitivity	30μV, 200μV/m	30μV, 200μV/m	30μV, 200μV/m	100μV
Image rejection	45dB	45dB	45dB	45dB
POWER SOURCE	AC 100-240V selectable	AC 100-240V selectable	AC 100-240V selectable	AC 100-240V selectable
DIMENSIONS	6 1/2"H x 18 1/2"W x 12 1/2"D	6 1/2"H x 18 1/2"W x 12 1/2"D	6 1/2"H x 17 1/2"W x 12 1/2"D	5 1/2"H x 18 1/2"W x 13"D
WEIGHT	24.2 lbs.	22.0 lbs.	21.7 lbs.	17.6 lbs.



## Integrated Amplifiers

MODEL	JA-X9	4VN-990	4VN-880	4VN-550
Total dynamic power	180W (45W x 4) 40 IHF 172W (43W x 4) 80 IHF	280W (70W x 4) 40 IHF 264W (66W x 4) 80 IHF	240W (60W x 4) 40 IHF 180W (45W x 4) 80 IHF	96W (24W x 4) 40 IHF 60W (15W x 4) 80 IHF
RMS continuous power (All channels driven)	124W (31W x 4) 40 100W (25W x 4) 80	132W (33W x 4) 40 140W (35W x 4) 80	112W (28W x 4) 40 100W (25W x 4) 80	50W (12.5W x 4) 40 50W (12.5W x 4) 80
2-channel operation (1kHz) RMS continuous power (B.T.L.)	112W (56W x 2) 80	176W (88W x 2) 80	110W (55W x 2) 80	80W (40W x 2) 80
THD (at rated power)	0.25%	0.5%	0.5%	0.5%
1M distortion (at rated power)	0.4%	0.8%	0.8%	0.8%
Power bandwidth	10-40,000Hz - 3dB	10-30,000Hz - 3dB	10-30,000Hz - 3dB	20-30,000Hz - 3dB
Frequency response	5-200,000Hz - 3dB	10-50,000Hz	10-50,000Hz	20-50,000Hz
S/N ratio (RMS)	PHONO 61dB AUX, TAPE 67dB	PHONO 65dB, AUX 75dB TAPE 75dB	PHONO 65dB, AUX 75dB TAPE 75dB	PHONO 65dB, AUX 75dB TAPE 75dB
Input sensitivity	PHONO 1, 2 2.5mV AUX 200mV TAPE 200mV	PHONO 1 2.5mV PHONO 2 2.5mV AUX 150mV TAPE MON. 150mV	PHONO 1 2.0mV PHONO 2 2.0mV AUX 100mV TAPE MON. 100mV	PHONO 2.5mV AUX 130mV TAPE MON. 130mV
Tone control	Bass $\pm$ 10dB at 100Hz Treble $\pm$ 10dB at 10kHz	S.E.A. center frequencies 40, 250Hz, 1, 5, 15kHz Control range $\pm$ 12dB	BASS $\pm$ 10dB at 100Hz TREBLE $\pm$ 10dB at 10kHz	BASS $\pm$ 10dB at 100Hz TREBLE $\pm$ 10dB at 10kHz
Power source	AC 100-240V selectable 50/60Hz AC 240V for UK Version	AC 100-240V selectable 50/60Hz AC 240V for UK Version	AC 100-240V selectable 50/60Hz AC 240V for UK Version	AC 100-240V selectable 50/60Hz AC 240V for UK Version
Dimensions	5 1/2"H x 16 1/2"W x 14 1/2"D	5 1/2"H x 16 1/2"W x 15 1/2"D	5 1/2"H x 16 1/2"W x 14 1/2"D	5 1/2"H x 15 1/2"W x 12 1/2"D
Weight	26.4 lbs.	35.2 lbs.	26.4 lbs.	18.5 lbs.

## Speaker Systems

MODEL	JS-6	SX-3	SX-5
Type	2-way, 2-speaker Bass Reflex	2-way, 2-speaker Hermetically Sealed	3-way, 3-speaker Acoustic Suspension
Woofer	Diameter Resonance 45Hz	10" (25cm) 60Hz	10" (25cm)
Mid-range	Diameter Type	—	2 1/2" (6.5cm) Soft dome
Tweeter	Diameter Type	2" (5cm) Soft dome	1" (2.5cm) Soft dome
Frequency response	50-20,000Hz	35-20,000Hz	30-20,000Hz
Power handling capacity	Peak R.M.S.	40W 10W	60W 30W
Minimum required power	16W RMS per channel	20W RMS per channel	20W RMS per channel
Efficiency (1m on axis)	90dB	88dB	90dB
Crossover frequency	2,000Hz	2,000Hz	800Hz, 5,000Hz
Impedance	80	80	40
Finish	Walnut	Walnut, White spruce	Walnut
Dimensions	22 1/2"H x 11 1/2"W x 9 1/2"D	20 1/2"H x 12 1/2"W x 11 1/2"D	22 1/2"H x 13 1/2"W x 12 1/2"D
Weight	15.7 lbs.	29.3 lbs.	37.5 lbs.

## Tape Decks

MODEL	4RD-1406U	ED-1240VS	ED-1104U	CD-1669-2B/E	CD-1667-2U/S
Type	4-Channel Real-to-real Deck	Stereo Cartridge Deck	Stereo Cartridge Power Deck	Stereo Cassette Tape Deck	Stereo Cassette Tape Deck
Track system	4-track, 4 & 2 channel	4-track, 2 channel	2-track, 2 channel	4-track, 2 channel	4-track, 2 channel
Tape speed (ips)	7 1/2, 3 1/2	3 1/2	3 1/2	1 1/2	1 1/2
Frequency response	20-20,000Hz (Low Noise) 20-18,000Hz (Normal)	30-15,000Hz	30-15,000Hz	30-19,000Hz (Chroma) 30-17,000Hz (Normal)	30-18,000Hz (Chroma) 30-16,000Hz (Normal)
Frequency response (2-3dB)	30-16,000Hz	40-12,000Hz	30-10,000Hz	30-16,000Hz (Chroma)	30-16,000Hz (Chroma)
Wow & flutter (WRMS)	0.07%	0.15%	0.15%	0.07%	0.11%
S/N ratio (from peak level)	54dB	50dB	52dB	50dB (10dB at 5kHz or more and 5dB at 1kHz improve with ANRS)	50dB (10dB at 5kHz or more and 5dB at 1kHz improve with ANRS)
Transistors	15 400s	16	6	83	40
Diodes	7	7	5	65	21
Input Mic.	—	—	—	2	2
Aux.	—	2	—	2	2
Output Line	4	2	2	2	2
Ext. Speaker	(Headphones)	(Headphones)	(Headphones)	(Headphones)	(Headphones)
Dis.	1	1	1	1	1
Power Source	AC 100-240V selectable	AC 100-230V selectable	AC 100-230V selectable	AC 100-230V selectable AC 240V for UK Version	AC 100-230V selectable AC 240V for UK Version
Cycle	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Dimensions	7 1/2"H x 16 1/2"W x 13 1/2"D	8 1/2"H x 13 1/2"W x 9 1/2"D	8 1/2"H x 7 1/2"W x 8 1/2"D	5 1/2"H x 16 1/2"W x 12 1/2"D	4 1/2"H x 14 1/2"W x 10 1/2"D
Weight	28.6 lbs.	11.0 lbs.	5.5 lbs.	19.8 lbs.	10.1 lbs.

## Turntables

MODEL	JL-B44	JL-A3	JL-A1
Type	Direct-drive, 2-speed 4-channel adjustable turntable	Belt-drive, 2-speed 4-channel adjustable turntable	Belt Drive, 2-Speed Auto Return/Cut Stereo Turntable
Motor	DC series motor	4-pole AC Series motor	4-pole Synchronous Motor
Speeds	33 1/3 & 45rpm	33 1/3 & 45 rpm	33 1/3 & 45 RPM
Platter	12" (30cm)	12" (30cm)	12" (30cm) diecast
S/N ratio	Better than 60dB (70dB DIN)	Better than 55dB (65dB DIN)	Better than 52dB (62dB DIN)
Wow & flutter	Less than 0.05% (WRMS)	Less than 0.05% (WRMS)	Less than 0.05% (WRMS)
Tonearm	Static balanced type	Static balanced type	Statically Balanced
Cartridge	—	Moving Magnet type	Moving Magnet
Output	—	2mV at 1kHz (50mm/sec)	3mV at 1kHz (50mm/sec)
Frequency response	—	10-20,000Hz	10-20,000Hz
Stylus pressure	adjustable	1.5-2gr	1.5-2gr (DT-335, 1-1.5gr (40T-105))
Stylus	—	DT-335 or 40T-105	DT-335 or 40T-105
Power source	AC 100-240V selectable *	AC 100-240V selectable *	AC 100-240V selectable *
Dimensions	7 1/2"H x 16 1/2"W x 13 1/2"D	7 1/2"H x 16 1/2"W x 14 1/2"D	6 1/2"H x 17 1/2"W x 14 1/2"D
Weight	28.6 lbs.	18.7 lbs.	15.4 lbs.

\* AC 240V for UK Version



JA-S8	JA-S5	JA-S310	VN-900	VN-300
210W (105W x 2) 40 IHF 160W (80W x 2) 80 IHF 120W (60W x 2) 40 110W (55W x 2) 80	140W (70W x 2) 40 IHF 110W (55W x 2) 80 IHF 80W (40W x 2) 40 80W (40W x 2) 80	100W (50W x 2) 40 IHF 80W (40W x 2) 80 IHF 60W (30W x 2) 40 60W (30W x 2) 80	220W (110W x 2) 40 IHF 170W (85W x 2) 80 IHF 120W (60W x 2) 40 100W (50W x 2) 80	60W (30W x 2) 40 IHF 46W (23W x 2) 80 IHF 38W (19W x 2) 40 30W (15W x 2) 80
0.25% 0.4%	0.25% 0.4%	0.8% 0.8%	0.25% 0.4%	0.5% 1.0%
20-20,000Hz at rated power 10-150,000Hz -3dB	10-40,000Hz 10-60,000Hz ±0.5dB	10-40,000Hz 20-30,000Hz ±0.5dB	20-20,000Hz at rated power 20-50,000Hz ±0.5dB	20-30,000Hz -3dB 20-40,000Hz
PHONO 65dB AUX, TUNER, TAPE 95dB	PHONO 65dB, AUX 83dB TAPE 80dB	PHONO 63dB AUX, TAPE 80dB	PHONO 65dB, AUX 85dB TAPE 96dB	PHONO 65dB, AUX 70dB TAPE 20dB
PHONO 1, 2 2.5mV AUX 200mV TAPE MON. 200mV	PHONO 1 2.5mV PHONO 2 2.5mV AUX 150mV TAPE MON. 150mV	PHONO 2.5mV AUX, TUNER, TAPE 165mV MIC 5mV	PHONO 1 2.5mV PHONO 2 2.5mV AUX 200mV TAPE MON. 200mV	PHONO 3mV AUX 120mV TAPE MON. 120mV
S.E.A. Center frequencies 40, 250Hz, 1, 5, 15kHz	S.E.A. Center frequencies 40, 250Hz, 1, 5, 15kHz Control range ±12dB	Bass ±10dB at 100Hz Treble ±10dB at 10kHz	S.E.A. Center frequencies 40, 150, 400Hz, 1, 2, 4, 6, 15kHz Control range ±12dB	BASS ±10dB at 50Hz TREBLE ±10dB at 10kHz
AC 100-240V selectable 50/60Hz AC 240V for UK Version 5 1/2"H x 6 1/2"W x 13 1/2"D 22.1 lbs.	AC 100-240V selectable 50/60Hz AC 240V for UK Version 5 1/2"H x 16 1/2"W x 12 1/2"D 22 lbs.	AC 100-240V selectable 50/60Hz AC 240V for UK Version 4 1/2"H x 15 1/2"W x 11 1/2"D 14.5 lbs.	AC 100-240V selectable 50/60Hz AC 240V for UK Version 5 1/2"H x 16 1/2"W x 12 1/2"D 28 lbs.	AC 100-240V selectable 50/60Hz AC 240V for UK Version 5 1/2"H x 15 1/2"W x 12"D 15.4 lbs.

SX-7	VS-5323	SK-33	SK-55	GB-1E MARK II
3-way, 3-speaker Acoustic Suspension 12" (30cm) Cone w/Conical Dome 40Hz 3" (7.5cm) Soft + 1" 1" (2.5cm) Soft dome 25-20,000Hz 100W 50W 20W RMS per channel 91dB/W 500Hz, 8,000Hz 4 Ω Walnut 25 1/2"H x 13 1/2"W x 12 1/2"D 55 lbs.	3-way, 3-speaker Variable Bass Reflex 10" (25cm) Cone 60Hz 4" (10cm) Cone — — Multi-cellular horn 40-20,000Hz 50W 25W 10W RMS per channel 93dB/W 5,000Hz, 8,000Hz 8 Ω Walnut 25 1/2"H x 12 1/2"W x 11 1/2"D 17.5 lbs.	2-way, 2-speaker Acoustic Suspension 8" (20cm) Cone 45Hz — 2" (5cm) Cone 40-20,000Hz 50W 25W 5W RMS per channel 91dB/W 3,000Hz 8 Ω Walnut 17 1/2"H x 15 1/2"W x 11 1/2"D 11.5 lbs.	3-way, 3-speaker Acoustic Suspension 10" (25cm) Cone 35Hz 3.5" (9cm) Cone 2" (5cm) Cone 20-20,000Hz 50W 25W 5W RMS per channel 91dB/W 2,000Hz, 8,000Hz 8 Ω Walnut 21 1/2"H x 11 1/2"W x 11 1/2"D 20 lbs.	2-way, 2-speaker Acoustic Suspension 5" (12.5cm) Cone 80Hz — 2" (5cm) Cone 20-20,000Hz 50W 25W 20W RMS per channel 88dB/W 3,500Hz 8 Ω Metal 18 1/2"H x 11 1/2"W x 11 1/2"D 20.9 lbs. (9.5kg)

CD-1970B/E	CD-1950U/S	CD-1955B/E	CD-1640U/S	CD-1740B/E	CD-1655U/S
Stereo Cassette Tape Deck	Stereo Cassette Tape Deck	Portable Stereo Cassette Tape Deck	Stereo Cassette Tape Deck	Stereo Cassette Tape Deck	Stereo Cassette Tape Deck
4-track, 2-channel 1 1/2" 20-18,000Hz (Chrome) 20-17,000Hz (Normal) 30-16,000Hz (Chrome) 0.09% 52dB (10dB at 5kHz or more and 5dB at 1kHz improve with ANRS) 39, 6 ICs 27 2 2 2 (Headphones) 1 AC 110-220V selectable AC 240V for UK Version 50/60Hz 5 1/2"H x 16 1/2"W x 11 1/2"D 18.8 lbs.	4-track, 2-channel 1 1/2" 20-18,000Hz (Chrome) 20-17,000Hz (Normal) 30-16,000Hz (Chrome) 0.10% 52dB (10dB at 5kHz or more and 5dB at 1kHz improve with ANRS) 30, 4 ICs 23 2 2 2 (Headphones) 1 AC 110-220V selectable AC 240V for UK Version 50/60Hz 5 1/2"H x 16 1/2"W x 11 1/2"D 16.8 lbs.	4-track, 2-channel 1 1/2" 25-18,000Hz (Chrome) 28-17,000Hz (Normal) 45-16,000Hz (Chrome) 0.09% 54dB (10dB at 5kHz or more and 5dB at 1kHz improve with ANRS) 30, 4 ICs 30 2 2 2 (Headphones) 1 AC 110/220V selectable,* AC 240V for UK Version 50/60Hz 3 1/2"H x 14 1/2"W x 9 1/2"D 10.1 lbs.	4-track, 2-channel 1 1/2" 20-18,000Hz (Chrome) 30-14,000Hz (Normal) 50-14,000Hz (Chrome) 0.13% 50dB (10dB at 5kHz or more and 5dB at 1kHz improve with ANRS) 14 2 2 2 (Headphones) 1 AC 100-230V selectable AC 240V for UK Version 50/60Hz 4 1/2"H x 15 1/2"W x 9 1/2"D 9.2 lbs.	4-track, 2-channel 1 1/2" 20-18,000Hz (Chrome) 30-14,000Hz (Normal) 40-14,000Hz (Chrome) 0.13% 50dB (10dB at 5kHz or more and 5dB at 1kHz improve with ANRS) 24, 2 ICs 26 2 2 2 (Headphones) 1 AC 120-220V selectable AC 240V for UK Version 50/60Hz 3 1/2"H x 20 1/2"W x 11 1/2"D 22 lbs.	4-track, 2-channel 1 1/2" 30-16,000Hz (Chrome) 30-14,000Hz (Normal) 50-14,000Hz (Chrome) 0.13% 50dB (10dB at 5kHz or more and 5dB at 1kHz improve with ANRS) 16 8 2 2 (Headphones) 1 AC 100-230V selectable AC 240V for UK Version 50/60Hz 4 1/2"H x 15 1/2"W x 9 1/2"D 8.1 lbs.

\*DC: 9V (UM-1 x 6); EXT. DC: 8-16V

## S.E.A. Tone Control

MODEL	SEA-V7E	SEA-10
S.E.A. Center Frequencies	40, 150, 400, 100, 2,400, 6,000 and 15,000Hz	40/60, 250Hz; 1, 5, 10/15kHz
S.E.A. Control Range	±12dB	±12dB
Frequency Response	20-20,000Hz	20-30,000Hz
Distortion	1%	1%
S/N Ratio	Better than 85dB	70dB
Input Impedance	100kΩ	100kΩ
Output Impedance	3.5kΩ	1kΩ
THD	Less than 0.02% at 3V output	Less than 0.1% at 1V output
Power Consumption	4W	2W
Power Source	AC 100-240V selectable *	AC 100-240V selectable *
Dimensions	5 1/2"H x 12 1/2"W x 12"D	5 1/2"H x 7 1/2"W x 10"D
Weight	29.8 lbs.	5 lbs.

\*AC 240V for UK Version

## CD-4 Disc Demodulator

MODEL	4DD-5
Rated input level	1.5mV
Rated output level	300mV
Input impedance	100Ω
Output impedance	50Ω
Frequency response	20-16,000Hz
Power source	AC 100-240V selectable *
Power consumption	8W
Dimensions	3 1/2"H x 6 1/2"W x 12 1/2"D
Weight	5 lbs.

\*AC 240V for UK Version



## Tuners

MODEL	JT-V6	JT-V310	VT-700	VT-500
<b>FM TUNER SECTION</b>				
Usable sensitivity	2.0uV	2.0uV	1.7uV	2.0uV
THD 1kHz, 100% dev.	0.2% mono 0.5% stereo	0.2% mono 0.5% stereo	0.3% mono 0.5% stereo	0.3% mono 0.6% stereo
10kHz, 100% dev.	0.3% mono 1.5% stereo	0.3% mono 1.5% stereo	1.5% mono 3.0% stereo	3.0% mono 5.0% stereo
S/N ratio	70dB	70dB	65dB	65dB
Air. channel selectivity	60dB	60dB	70dB	50dB
Capture ratio	1.5dB	1.5dB	0.8dB	2.5dB
Image rejection	55dB	55dB	90dB	55dB
R. rejection	80dB	65dB	90dB	85dB
Sporadic signal rejection	80dB	80dB	100dB	85dB
AM suppression	50dB	50dB	55dB	45dB
Stereo separation	40dB at 1kHz 30dB at 10kHz	40dB at 1kHz 30dB at 10kHz	38dB at 1kHz 25dB at 10kHz	35dB at 1kHz 22dB at 10kHz
Output level	0-0.8V Variable 0.4V Fixed	1V High 0.4V Normal	0-1.0V Variable output 0.4V Fixed output	0-1.2V Variable output 0.4V Fixed output
<b>AM TUNER SECTION</b>				
Usable sensitivity	300uV/m (Bar Antenna) 50uV (External Antenna)	300uV/m (Bar Antenna) 50uV (External Antenna)	250uV/m (Bar Antenna) 15uV (External Antenna)	300uV/m (Bar Antenna) 20uV (External Antenna)
S/N ratio	50dB	50dB	50dB at 1mV	50dB at 1mV
Image rejection	45dB	45dB	45dB	35dB
R. rejection	45dB	45dB	55dB	45dB
Output level	0-0.8V Variable 0.4V Fixed	1V High 0.4V Normal	0-1.0V Variable output 0.4V Fixed output	0-1.2V Variable output 0.4V Fixed output
<b>POWER SOURCE</b>				
	AC 100-240V selectable AC 240V for UK Version	AC 100-240V selectable AC 240V for UK Version	AC 100-240V selectable AC 240V for UK Version	AC 100-240V selectable AC 240V for UK Version
<b>DIMENSIONS</b>				
	5 1/2" H x 16 1/2" W x 11 1/2" D	4 1/2" H x 15 1/2" W x 11 1/2" D	5 1/2" H x 16 1/2" W x 12 1/2" D	5 1/2" H x 15 1/2" W x 12 1/2" D
<b>WEIGHT</b>				
	12.3 lbs.	9.9 lbs.	16.5 lbs.	15.5 lbs.

## ANRS Noise Reduction Unit

MODEL	NR-1020U
Frequency Response 20-20,000Hz $\pm$ 2dB	
S/N Ratio	60dB at 1kHz
ANRS ON	Improved by 5dB at 1kHz, 10dB at 5kHz or more
Channel Separation	55dB at 1kHz
Harmonic Distortion	0.5% at 1kHz reference output level
OSC Frequency	400Hz
Input AUX. In	from Rec. Out of Amp: 0.8V 90K $\Omega$ from Line out of Amp: 0.2V 20K $\Omega$
Output Line Out	to Tape monitor of Amp: 0-1.4V 5K $\Omega$ to Aux. in of tape deck: 0-1.4V 5K $\Omega$
DIN	to Amp. & Tape deck
Power Source	AC 100-230V selectable, 50/60Hz
Dimensions	3 1/2" H x 13 1/2" W x 7 1/2" D
Weight	5.7 lbs.

## Full 4-Channel Package

MODEL	GX-500E
Type	4-Channel System
<b>FM TUNER SECTION</b>	
Tuning range	87.5-108MHz
Sensitivity	2.0uV
Capture ratio	3.0dB
Stereo separation	35dB
Total harmonic distortion	Mono 0.8% Stereo 1.5%
Signal to noise ratio	60dB
Frequency response	20-12kHz
Image rejection	50dB
<b>AM TUNER SECTION</b>	
Tuning range	520-1,605kHz
Sensitivity	100uV (S/N 20dB)
Image rejection	45dB
<b>AUDIO SECTION</b>	
Continuous power	52W (4 x 13W) One ch. driven, 8 34W (4 x 8.5W) All ch. driven, 26W
Total harmonic distortion	1.0% at 30,000Hz
Power bandwidth	20-20,000Hz
Frequency response	20-20,000Hz
Bass control range	$\pm$ 10dB at 100Hz
Treble control range	$\pm$ 10dB at 10kHz
<b>PLAYER SECTION</b>	
Motor	DC servo motor
Speeds	33 1/3 & 45 rpm
Platter	12" dia. (30cm) Diecast aluminum
<b>RECEIVER SECTION</b>	
Frequency Range FM	88-108MHz
MW	540-1600kHz
LW	150-350kHz
<b>AMPLIFIER SECTION</b>	
Continuous Power (RMS)	(4 ohms) 15W per channel (8 ohms) 7.5W per channel (16 ohms) 3.75W per channel
Music Power (4 ohms)	20W per channel
Power Source	AC 120V AC 240V for UK Version 50/60Hz
<b>PLAYER SECTION</b>	
Type	Belt Drive
Motor	4-pole Induction Motor
Speeds	33 1/3 & 45 RPM
Platter	11" Die-cast
Cartridges	Moving Magnet
Stylus Pressure	Adjustable
<b>DIMENSIONS</b>	
	7 1/2" H x 19 1/2" W x 15 1/2" D
<b>WEIGHT</b>	
	31.3 lbs.

## Three-in-one Stereo Music Center

MODEL	MF-1845L
<b>CASSETTE DECK SECTION</b>	
Track System	4-track, 2-channel
Tape Speed (ips)	1 1/2
Frequency Response (RMS)	50-13,000Hz
Wow & Flutter (WRMS)	0.11%
S/N Ratio (from peak level)	50dB
Input	Mic x 2, Aux x 2
Output	Line x 2, Headphones x 2
DIN	1
<b>RECEIVER SECTION</b>	
Frequency Range FM	88-108MHz
MW	540-1600kHz
LW	150-350kHz
<b>AMPLIFIER SECTION</b>	
Continuous Power (RMS)	(1% distortion) (4 ohms) 15W per channel (8 ohms) 7.5W per channel (16 ohms) 3.75W per channel
Music Power (4 ohms)	20W per channel
Power Source	AC 120V AC 240V for UK Version 50/60Hz
<b>PLAYER SECTION</b>	
Type	Belt Drive
Motor	4-pole Induction Motor
Speeds	33 1/3 & 45 RPM
Platter	11" Die-cast
Cartridges	Moving Magnet
Stylus Pressure	Adjustable
<b>DIMENSIONS</b>	
	7 1/2" H x 19 1/2" W x 15 1/2" D
<b>WEIGHT</b>	
	31.3 lbs.

## Stereo Cassette Modular

MODEL	MC-1820L/E
<b>CASSETTE DECK SECTION</b>	
Track System	4-track, 2-channel
Tape Speed (ips)	1 1/2
Frequency Response (RMS)	50-13,000Hz
Wow & Flutter (WRMS)	0.11%
S/N Ratio (from peak level)	50dB
Input	Mic x 2, Aux x 2, Line x 2
Output	Line x 2, Headphones x 2
DIN	1
<b>RECEIVER SECTION</b>	
Frequency Range FM	88-108MHz
MW	540-1600kHz
LW	150-350kHz
<b>AMPLIFIER SECTION</b>	
Continuous Power (RMS)	(4 ohms) 10W per channel (8 ohms) 5W per channel (16 ohms) 2.5W per channel
Music Power (4 ohms)	15W per channel
Power Source	AC 110/220V Selectable AC 240V for UK Version 50/60Hz
<b>DIMENSIONS</b>	
	5 1/2" H x 20 1/2" W x 11 1/2" D
<b>WEIGHT</b>	
	22 lbs.

## Receiver with Cassette Recorder

MODEL	9470LS/LF
Type	FM/MW/LW Stereo Receiver with Cassette Recorder
<b>AUDIO SECTION</b>	
RMS continuous power	15W x 2
Load impedance	8 $\Omega$
THD	0.5%
Frequency response	40-20,000Hz
<b>FM SECTION</b>	
Usable sensitivity	5.0uV
S/N ratio	60dB
Image rejection	50dB
Stereo separation	35dB
<b>CASSETTE RECORDER SECTION</b>	
Track System	4-track, 2-channel
Tape speed (ips)	1 1/2
Frequency response ( $\pm$ 3dB)	70-10,000Hz
Wow & flutter	0.2%
S/N ratio	45dB
Input Mic.	2
Aux.	2
Output Line	2
Ext. speaker	(Headphones)
DIN	1
POWER SOURCE	110/220V, 50/60Hz
<b>DIMENSIONS</b>	
	5 1/2" H x 17 1/2" W x 11 1/2" D
<b>WEIGHT</b>	
	12.1 lbs.



# 4RD-1406U



## 4-Channel/2-Channel Tape Deck

- 1-Motor, 2-Head 7-inch reel-to-reel tape deck
- 4-tracks, 4-channel/2-channel
- Normal/Low Noise tape selector switch
- 4 VU meters and 4 level controls with master Rec. level control
- 4-digit tape counter
- Automatic reel locks and tape cleaner
- Dimensions: 13-1/2"H x 16"W x 7-5/8"D  
(34.3cm x 40.6cm x 19.3cm)
- Weight: 28.6 lbs. (13 kg)



# ED-1240U/S

## 8-Track Stereo Cartridge Play/Record Deck with Auto Eject



- Electronic governor d.c. motor
- Three-in-one head
- Automatic or manual cartridge eject
- Fast Forward convenience
- 2 VU meters and 2 record level controls
- Dimensions: 4-1/4"H x 13-1/2"W x 9-1/8"D  
(11cm x 34.5cm x 23.4cm)
- Weight: 11 lbs. (5kg)

# ED-1104U

## 8-Track Cartridge Player Deck



- Manual program selection
- Solid-state pre-amplifier
- Program indicator lamps
- Outer rotor synchronous motor
- Dimensions: 3-7/8"H x 7-7/8"W x 8-1/4"D  
(10cm x 20cm x 21cm)
- Weight: 5.5 lbs. (2.5 kg)



# CD-1669-2B/E

Super High Quality Stereo Cassette Deck with SA Head, ANRS



- JVC's newly developed SA (Sen-Alloy) Head for superior sensitivity, clean sound and long wear
- Hysteresis synchronous motor, dual-drive mechanism
- Built-in Automatic Noise Reduction System (ANRS) with calibrations to make the most of any tape in use
- Automatic ANRS detector/indicator
- Tape selector switch and peak level indicator
- Feather-light transistorized operation
- Automatic stop/automatic play with memory counter
- Dimensions: 5-5/8"H x 16-5/8"W x 12-1/8"D (14.3cm x 42.3cm x 30.7cm)
- Weight: 19.8 lbs. (9 kg)



# CD-1667-2U

Deluxe Stereo Cassette Deck with ANRS, Automatic Eject



- Professional Sliding type record and playback Level Control (4 in total)
- Electronic governor DC motor
- Built-in Automatic Noise Reduction System (ANRS)
- Cronios head for optimum fidelity
- Chrome/Normal tape selector switch
- Professional VU meters and slide level controls (2 each)
- Tape counter with push-button reset
- Dimensions: 4-9/16"H x 14-15/16"W x 10-7/16"D (11.6cm x 38cm x 26.5cm)
- Weight: 10.1 lbs. (4.6 kg)



# CD-1970B/E

Front-Loading Deluxe Stereo Cassette Deck with SA Head, ANRS



- Front-loading stereo cassette deck with air-damped cassette door
- Fully automatic stop with memory counter
- Tape select (Chrome/Normal) for bias and equalizer
- Two-way meters — VU meter and peak level indicator
- Built-in Automatic Noise Reduction System (ANRS)
- MIC + LINE and DIN + LINE mixing facility
- Beat-cut switch
- Frequency regulated DC servomotor
- Tape-running indicator
- Dimensions: 5-7/8"H x 16-1/2"W x 11-3/4"D (15.9cm x 42cm x 20.7cm)
- Weight: 18.8 lbs. (8.5 kg)

# CD-1950U/S

Front-Loading Stereo Cassette Deck with ANRS, ID Mechanism



- Front-loading for easy use
- ID (Independent Drive) Mechanism for stability
- Fully automatic stop with Electric Eyes
- Built-in Automatic Noise Reduction System (ANRS)
- Chrome/Normal tape selector switch
- Separate and selectable Line and Mic/DIN Inputs
- Professional type VU meters (2)
- Dimensions: 5-1/8"H x 16-1/2"W x 11-3/4"D (13cm x 42cm x 29.7cm)
- Weight: 16.8 lbs. (7.6 kg)



# CD-1635B/E

Portable Stereo Cassette Deck with SA Head, ANRS



- JVC's newly developed SA (Sen-Alloy) Head
- Newly developed Coreless motor for long life, low power consumption and low wow and flutter
- Continuous 12 hours recording on long life batteries
- 3-way power source:  
AC/Ext DC(8-16V)/Six "UM-1" batteries (9V)
- Master recording volume control (click stops) with separate channel volume controls
- Large VU meters and battery-check meter with light
- Tape select (Chrome/Normal) switches for bias and equalizer
- Input select for MIC/DIN-ATT-LINE
- Built-in DC-DC converter for high linearity
- Weight: 10.1 lbs. (4.6 kg) without batteries

# CD-1740B/E

Stereo Cassette Deck with Full Automatic Stop



- Tape select (Chrome/Normal) switches for bias and equalizer
- Tape running indicator by LED
- Slide volume controls
- Dolby <sup>TM</sup> Noise Reduction System
- Dimensions: 3-13/16"H x 15-15/16"W x 8-9/16"D  
(9.7cm x 43.1cm x 21.7cm)
- Weight: 7.3 lbs. (3.3 kg)

TM: Dolby is a trademark of Dolby Laboratories, Inc.

# CD-1656U/S

Stereo Cassette Deck with ANRS



- Electronic governor D.C. motor
- Built-in Automatic Noise Reduction System (ANRS)
- Cronios head for higher fidelity
- Chrome/Normal tape selector switch
- Auto-stop mechanism
- Dimensions: 4-6/8"H x 15-1/8"W x 9-13/16"D  
(12cm x 38.3cm x 25cm)
- Weight: 9.2 lbs. (4.2 kg)

# CD-1655U/S

Compact Stereo Cassette Deck



- Dual drive mechanism
- Electronic governor D.C. motor
- Cronios head for higher fidelity
- Chrome/Normal tape selector switch
- Built-in Automatic Noise Reduction System (ANRS)
- Auto-stop mechanism
- 2 professional VU meters
- Dimensions: 12 cm x 38.3 cm x 25 cm
- Weight: 3.7 kg





### JS-6

#### 2-Speaker Bass Reflex System

- 2-way, 2-speaker bass reflex system with matched port
- Good looking walnut finish and the front grill with a soft pile fabric
- High-Young's-Modulus cone tweeter
- Dimensions:  
22-5/8"H x 11-13/16"W x 9-29/32"D  
(55cm x 30cm x 24.3cm)
- Weight: 18.7 lbs. (8.5 kg)

### SX-3

#### Soft Dome, Wide-Directional Speaker System

- 2-way, 2-speaker wide directional system
- Edgeless open baffle cabinet for improved dispersion
- Soft dome tweeter
- Heavily braced cabinetry in white spruce or walnut
- Dimensions:  
20-1/2"H x 12-3/8"W x 11-7/16"D  
(52cm x 31.5cm x 29cm)
- Weight: 29.3 lbs. (13.3 kg)

### SX-5

#### Soft Dome, Wide-Directional Speaker System

- 3-way, 3-speaker wide directional system
- Soft dome tweeter and soft dome midrange speaker
- Level controls for the tweeter and midrange speaker
- No chamber effect by the edgeless cabinet
- Dimensions:  
22-7/16"H x 13-3/16"W x 12-11/16"D  
(57cm x 33.5cm x 32.2cm)
- Weight: 37.5 lbs. (17 kg)

### SX-7

#### Soft-Dome, Wide-Directional Speaker System

- 3-way, 3-speaker wide-directional system
- Soft-dome tweeter and soft-dome midrange speakers
- Heavy-duty conical dome woofer
- Level controls for tweeter and midrange speakers
- Detachable front grille
- Dimensions:  
25"H x 13-3/16"W x 12-11/16"D  
(63.5cm x 33.5cm x 32.2cm)
- Weight: 55 lbs. (25 kg)

### VS-5323

#### Multi-Cellular Horn Variable Bass-Reflex System

- 3-way, 3-speaker system
- Multi-cellular horn tweeter
- Tunable bass port
- Large, rolled free-edge woofer with oversized magnet
- Detachable front grille
- Dimensions:  
22-13/16"H x 12-5/8"W x 11-13/16"D  
(58cm x 32cm x 30cm)
- Weight: 17.6 lbs. (8 kg)

### SK-33

#### 2-Speaker Acoustic Suspension System

- 2-way, 2-speaker bookshelf speaker system
- 8" woofer with free rolled-edge and Kurt Müller DC cone paper
- 2" tweeter
- Power handling capacity of 50W peak, 25W RMS
- Detachable front grille, available in red or dark brown
- Dimensions:  
17-15/16"H x 9-15/16"W x 8-1/16"D  
(45.6cm x 25.3cm x 20.5cm)
- Weight: 11.5 lbs. (5.2 kg)

### SK-55

#### 3-speaker Acoustic Suspension System

- 3-way, 3-speaker bookshelf speaker system
- 10" woofer with free rolled-edge
- 3-1/2" midrange with Kurt Müller DU cone paper
- 2" tweeter with air-suspension, damper-less cone
- Power handling capacity of 80W peak, 40W RMS
- Detachable front grille, available in red or dark brown
- Dimensions:  
21-1/4"H x 11-9/16"W x 8-17/32"D  
(54cm x 29.4cm x 21.7cm)
- Weight: 20 lbs. (9 kg)

### GB-1E MARK III

#### 8-Speaker Omni-directional Speaker System

- 2-way, 8-speaker, acoustic suspension system
- Four free edge woofers and four horn tweeters
- Perfect 360 degrees sound dispersion
- Hermetically sealed enclosures
- Dimensions: 13-1/2" diameter (34.3 cm)
- Weight: 20.9 lbs. (9.5 kg)



# GX-500E



Manufacturer Selected Full 4-Channel Package



- Discrete 4-channel for CD-4 QUADRADISC records and 4-channel tapes
- Matrix-1/2 4-channel decoders for SQ and all other matrix-encoded sources
- FM DET-OUT for discrete 4-channel FM
- DC servo motor
- Auto return turntable
- Belt drive system for lowest wow and flutter
- 2-way 2-speaker acoustic suspension speaker systems

# MF-1845L

Three-in-one Stereo Music System MW/LW/FM-Stereo Cassette and Disc Player



- Built-in vertical type cassette deck with full Automatic stop
- Tape select (Chrome/Normal) switch for bias and equalizer
- Bass/Treble tone control
- Loudness control
- Noise suppressor switch
- FM muting switch
- Stereo/Monaural select switch
- Speaker select switch
- Beat-cut switch
- Moving magnet cartridge
- Lateral weight balancer and cueing level
- Belt-driven 11" dia. turntable
- High output: 15 watts per channel

# 9470LS/LF

MW/LW/FM-Stereo Receiver with Built-in Stereo Cassette Recorder



- FM muting & Dynamic Noise Limiter (DNL)
- Liner tuning dial
- Automatic head cleaning
- Beat cut circuitry
- Loudness switch
- Dimensions: 5-3/4"H x 17-1/4"W x 11-1/2"D (14.6cm x 43.9cm x 29.2cm)
- Weight: 19.8 lbs. (9 kg)

# MC-1820L/E

MW/LW/FM-Stereo Cassette Modular



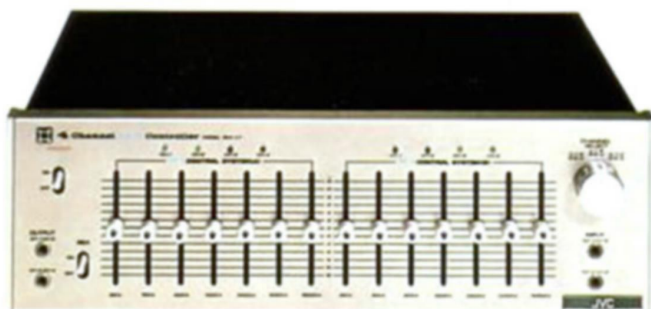
- Tape select (Chrome/Normal) switch for bias and equalizer
- Variable sound monitor
- Stereo/Monaural select switch
- Tone/Balance control
- Beat-cut switch
- All DIN terminals for antennas, speakers, phono, auxiliaries
- Two large VU meters/Tuning level meter
- Built-in phono terminal with magnetic cartridge equalizer
- Dimensions: 3-5/8"H x 20-3/8"W x 11-7/8"D (9.3cm x 51.6cm x 30cm)
- Weight: 22 lbs. (10 kg)



# SEA-V7E



S.E.A. Tone Control Unit



- 7-zone front/back S.E.A. tone control system
- S.E.A. center frequencies:  
40/150/400/1k/2.4k/6k/15k (Hz)
- Channel selector and channel indicator lamps
- Defeat switch for cancelling S.E.A. effect
- Dimensions: 5-1/2"H x 17"W x 12"D  
(14cm x 43.2cm x 30.5cm)
- Weight: 19.8 lbs. (9 kg)

# SEA-10



S.E.A. Tone Control Unit



- 7-position S.E.A. tone control system
- Instant switching from playback to record
- S.E.A. center frequencies:  
40/60 Hz, 250 Hz, 1 kHz, 5 kHz, 10/15 kHz
- Built-in Tape Mon. facilities
- Dimensions: 5-1/4"H x 7-1/2"W x 10"D  
(13.4cm x 19.1cm x 25.4cm)
- Weight: 5.7 lbs. (2.6 kg)

# 4DD-5



CD-4 Disc Demodulator for Discrete 4-Channel Records



- Automatic switching between CD-4 and stereo
- 4-channel "CD-4 radar" indicator lamp
- Excellent signal to noise ratio (60dB)
- Dimensions: 3-3/8"H x 6-7/8"H x 12-3/4"D  
(8.6cm x 17.5cm x 32.4cm)
- Weight: 5 lbs. (2.3 kg)

# NR-1020U



ANRS Noise Reduction Unit



- Automatic Noise Reduction System (ANRS) record and playback unit
- Reduces tape hiss by 5dB at 1kHz and by 10dB at 5kHz or more
- Independent calibration, record and playback controls
- Includes built-in oscillator and two calibration tapes
- Dolbyized™ (B) music tapes can be played back
- Dimensions: 3-5/8"H x 13-1/8"W x 7-1/2"D  
(9.2cm x 33.4cm x 19.1cm)
- Weight: 5.7 lbs. (2.6 kg)

•Dolbyized™ is a trademark of Dolby Laboratories, Inc.





## HP-20

### 2-Channel Stereo Headphones

- Type: Moving coil
- Frequency Response: 20 - 20,000Hz
- Impedance: 8 ohms
- Normal Input: 1mW
- Cord: 10ft. (3 meters)
- Weight: 0.4 kg (0.8 lbs.)

## HP-150

### High-Velocity Type 2-Channel Stereo Headphones

- Type: Moving coil
- Frequency Response: 20 - 20,000Hz
- Impedance: 150 ohms
- Normal Input: 1mW
- Cord: 10ft. (3 meters)
- Weight: 0.4 kg (0.8 lbs.)

## HP-1000

### High-Velocity Type 2-Channel Stereo Headphones

- Type: Moving coil
- Frequency Response: 20 - 20,000Hz
- Impedance: 1000 ohms
- Normal Input: 1mW
- Cord: 10ft. (3 meters)
- Weight: 0.3 kg (0.6 lbs.)

## R-1012

### Remote Control Unit

- Available for CD-1669U/CD-1669-2B/E
- Function:  
REC/REW/FF/PLAY/REC/STOP/PAUSE

## 5911

### Remote Control Unit

- Connects to JVC's, 4-channel receivers, amplifiers and compact stereos, permits sound balance control among four channels to obtain optimum 4-channel stereo effect no matter where you are seated in a room
- Complete with master volume control
- Dimensions: 2" H x 3-1/2" W x 4-3/4" D (5.1cm x 9cm x 12.1cm)
- Weight: 1.0 lbs. (0.5 kg)

## M-201

### Electret Condenser Stereo Microphone

- Signal/Tone selector switch
- Input attenuator PAD switch
- Sensitivity: -71dB (with PAD OFF)
- Frequency response: 40 - 18,000Hz (music)
- Unit directivity: 120°
- Maximum input sound pressure level: 133dB (PAD ON) 123dB (PAD OFF)
- Signal-to-noise ratio: better than 47dB (at 1kHz)
- Output impedance: 600 ohms
- Power source: DC 1.5V, "UM-2" dry cell battery

## M-510

### Super-directional/Uni-directional Electret Condenser Microphone

- Super-directional and uni-directional units replaceable
- Power/Tone selector switch
- Input attenuator PAD switch
- Sensitivity: -68dB (super-directional) -71dB (uni-directional, with PAD OFF)
- Frequency response: 40 - 20,000Hz (music)
- Signal-to-noise ratio: better than 50dB (at 1kHz)
- Output impedance: 600 ohms
- Maximum input sound pressure level: 122dB (PAD ON) 112dB (PAD OFF)
- Wind screen provided
- Sound collimator provided
- Power source: DC 1.5V, penlight dry cell battery

## 5944

### 4-Channel/2-Channel Stereo Headphones

- Frequency response: 20 - 20,000Hz
- Impedance: 8 ohms
- Normal input: 1mW
- Cord: 6 ft. 7 in.
- Weight: 1.3 lbs. (0.6 kg)





**JVC** **VICTOR**

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